

ABSTRACT

The invention provides processes for coating the surface of polymeric materials such as a sheet, film, foam, fiber, etc., with a curable liquid resin or solution of curable resin, then in one embodiment, stably attaching a superabsorbent polymeric powder to such resin, and then curing the resin to form a coated superabsorbent product. Other process embodiments and resulting products are included in the invention. The coated product has reduced particle agglomeration and particle loss due to the curing step. The product can be interposed between sheets to form disposable absorbent products such as diapers, bandages, etc. or used on one side to form cleaning products.

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